

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
 Data File : BN030958.D
 Acq On : 16 Apr 2024 04:49
 Operator : MA/JU
 Sample : P2073-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RSB-01-97-041024

Quant Time: Apr 16 06:34:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 17:03:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

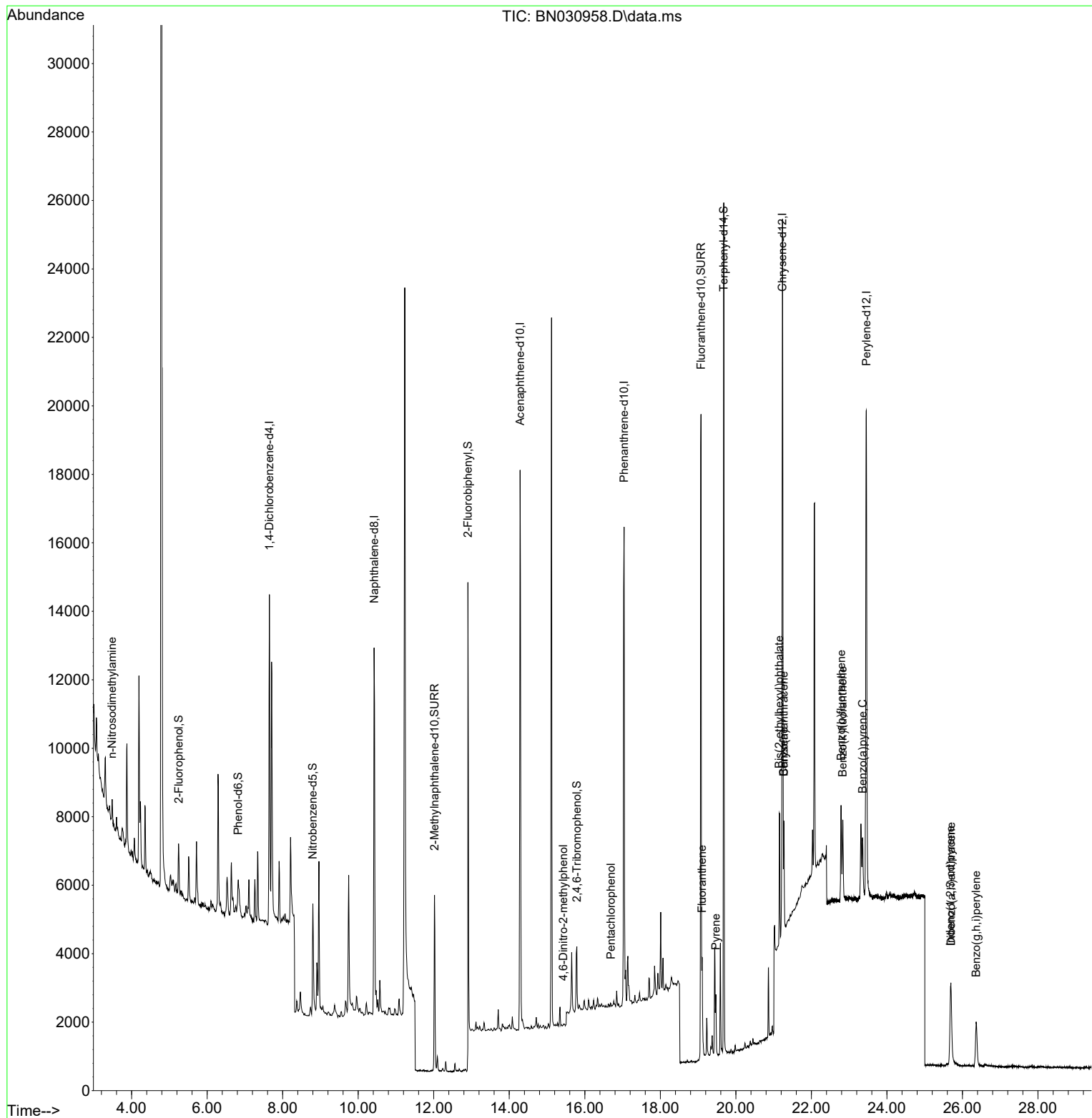
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	4843	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	15106	0.400	ng	#-0.01
13) Acenaphthene-d10	14.284	164	8913	0.400	ng	-0.01
19) Phenanthrene-d10	17.040	188	20672	0.400	ng	0.00
29) Chrysene-d12	21.231	240	19240	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	19882	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	1370	0.127	ng	0.00
5) Phenol-d6	6.823	99	1010	0.077	ng	0.00
8) Nitrobenzene-d5	8.798	82	2898	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	7216	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	1133	0.328	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	7904	0.264	ng	0.00
27) Fluoranthene-d10	19.075	212	21105	0.379	ng	0.00
31) Terphenyl-d14	19.679	244	22984	0.515	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.479	42	207	0.037	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.428	198	12	0.106	ng	# 1
24) Pentachlorophenol	16.693	266	60	0.138	ng	# 82
28) Fluoranthene	19.103	202	1571	0.021	ng	# 44
30) Pyrene	19.470	202	1568	0.021	ng	97
32) Benzo(a)anthracene	21.267	228	2085	0.031	ng	92
33) Chrysene	21.267	228	2712	0.037	ng	95
34) Bis(2-ethylhexyl)phtha...	21.151	149	4036	0.131	ng	96
36) Indeno(1,2,3-cd)pyrene	25.682	276	3117	0.034	ng	99
37) Benzo(b)fluoranthene	22.785	252	3294	0.040	ng	# 47
38) Benzo(k)fluoranthene	22.829	252	3041	0.038	ng	# 40
39) Benzo(a)pyrene	23.355	252	2376	0.035	ng	# 20
40) Dibenzo(a,h)anthracene	25.700	278	2393	0.032	ng	# 61
41) Benzo(g,h,i)perylene	26.363	276	2738	0.034	ng	# 78

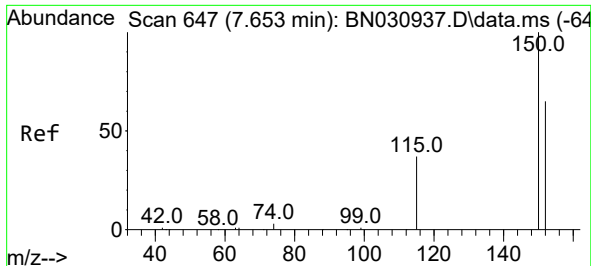
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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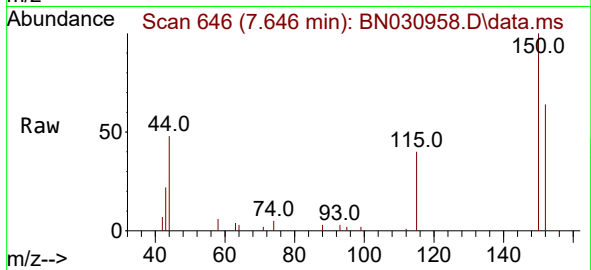
Quant Time: Apr 16 06:34:27 2024
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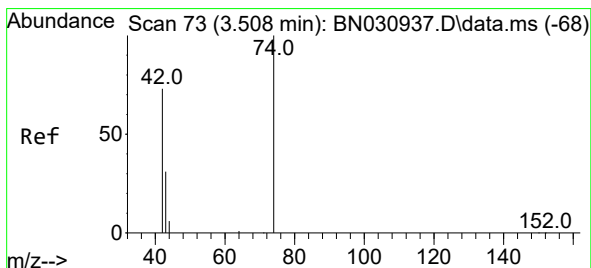
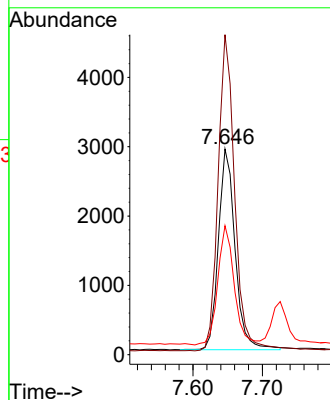
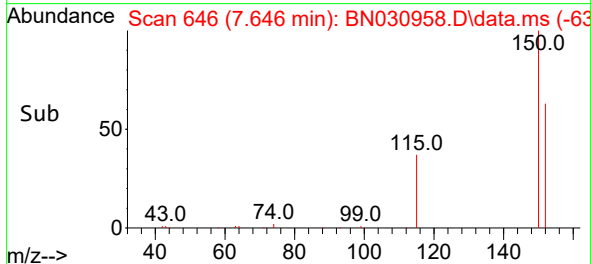


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Instrument :
BNA_N
ClientSampleId :
RSB-01-97-041024

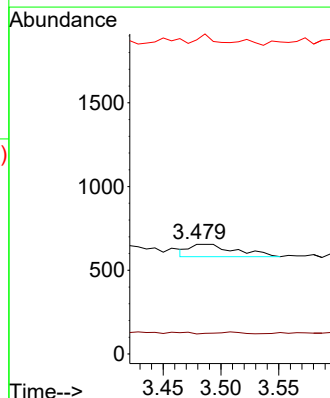
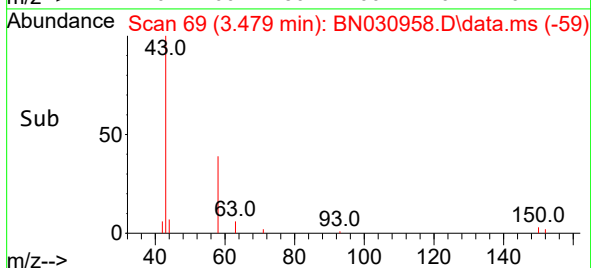
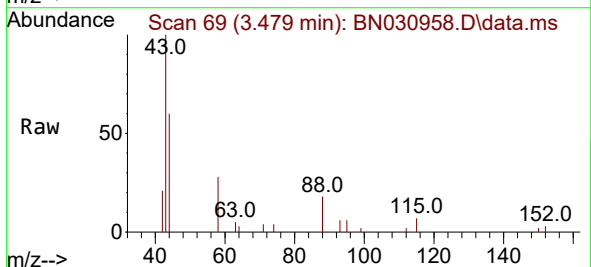


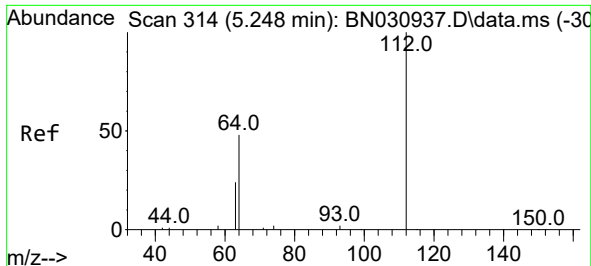
Tgt Ion:152 Resp: 4843
Ion Ratio Lower Upper
152 100
150 155.7 121.7 182.5
115 62.7 47.8 71.8



#3
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.479 min Scan# 69
Delta R.T. -0.029 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Tgt Ion: 42 Resp: 207
Ion Ratio Lower Upper
42 100
74 0.0 103.1 154.7#
44 29.0 7.0 10.6#

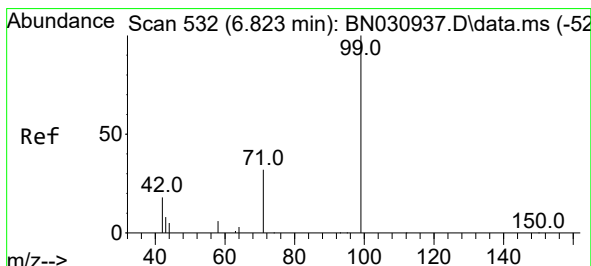
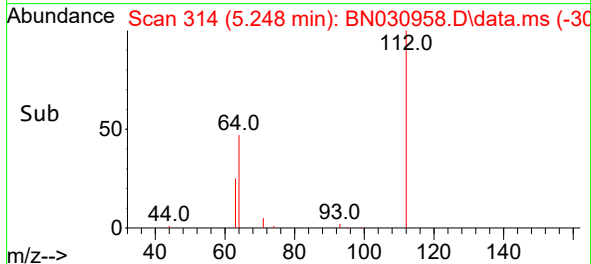
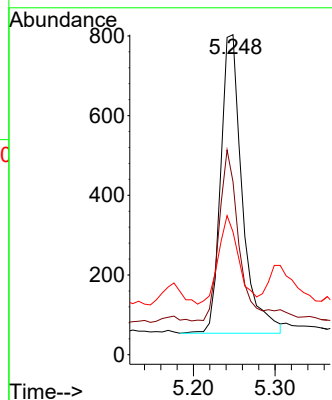
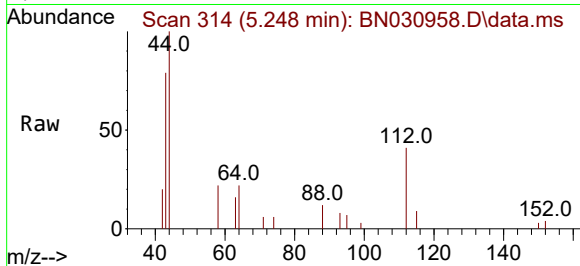




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.248 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

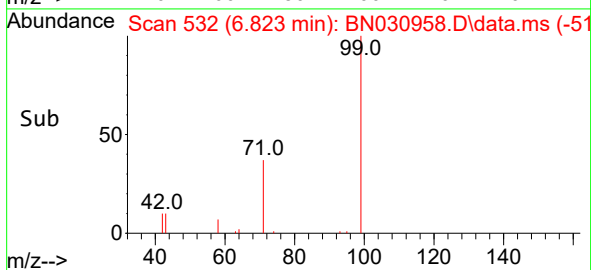
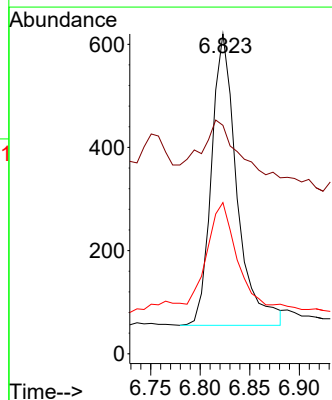
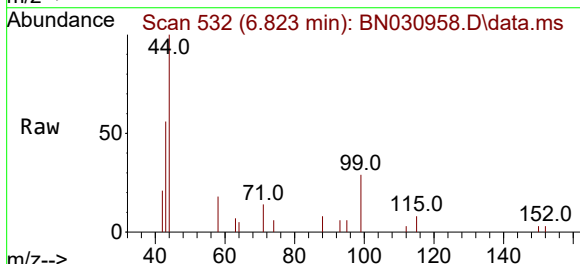
Instrument :
BNA_N
ClientSampleId :
RSB-01-97-041024

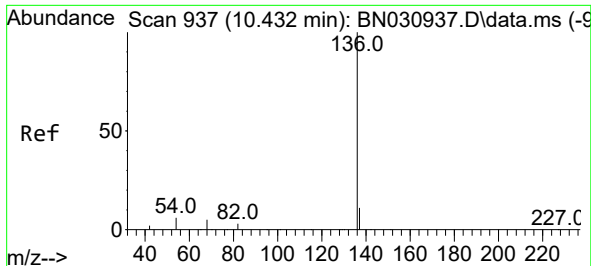
Tgt Ion:112 Resp: 1370
Ion Ratio Lower Upper
112 100
64 54.5 43.4 65.2
63 27.7 22.2 33.2



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.823 min Scan# 532
Delta R.T. 0.000 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Tgt Ion: 99 Resp: 1010
Ion Ratio Lower Upper
99 100
42 27.3 16.4 24.6#
71 42.3 26.3 39.5#

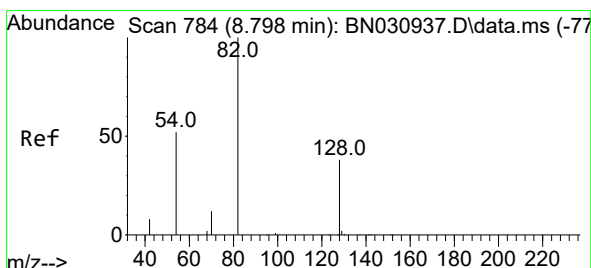
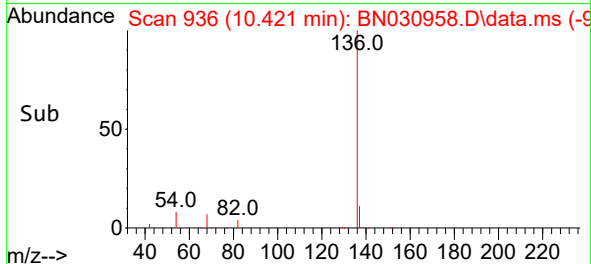
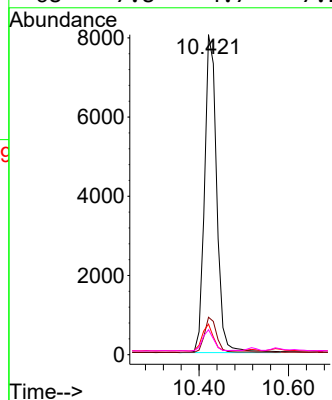
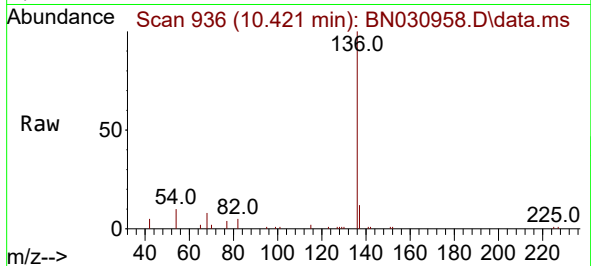




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

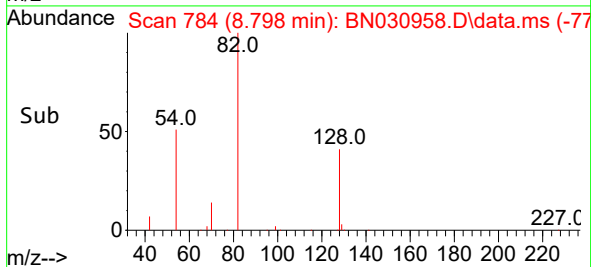
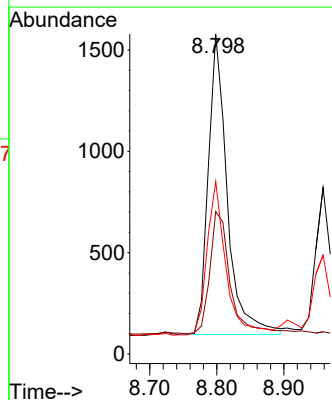
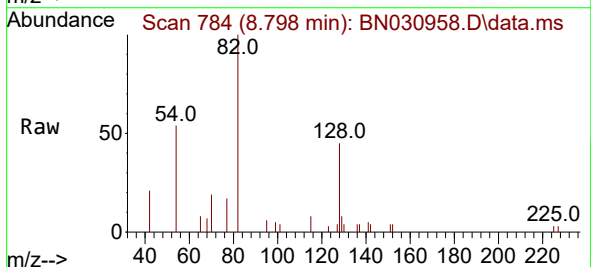
Instrument :
BNA_N
ClientSampleId :
RSB-01-97-041024

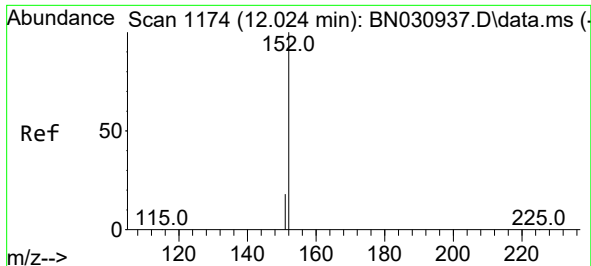
Tgt Ion:	136	Resp:	15106
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	9.6	5.3	7.9#
68	7.8	4.7	7.1#



#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Tgt Ion:	82	Resp:	2898
Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.7	50.5
54	53.9	43.7	65.5

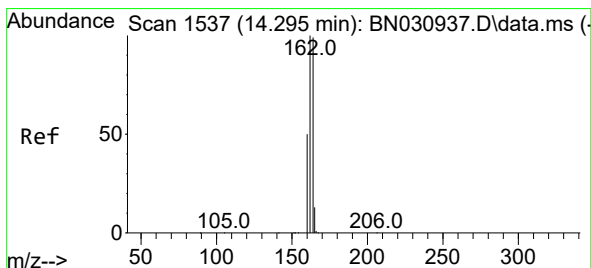
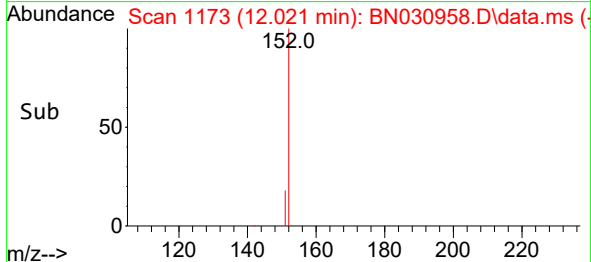
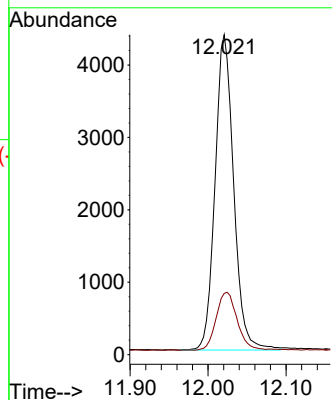
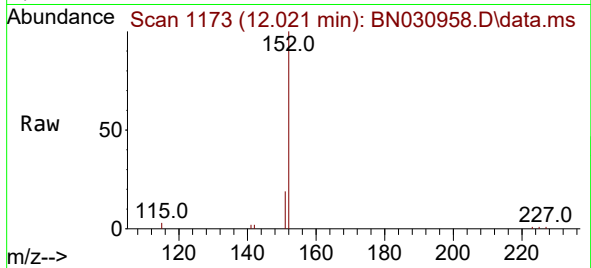




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.021 min Scan# 1173
Delta R.T. -0.004 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

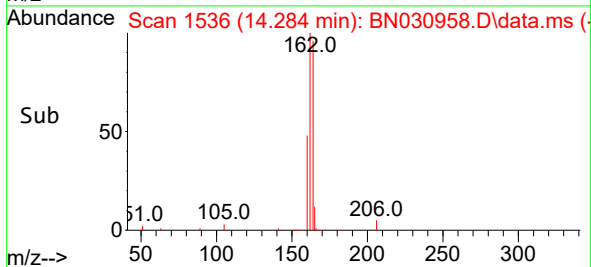
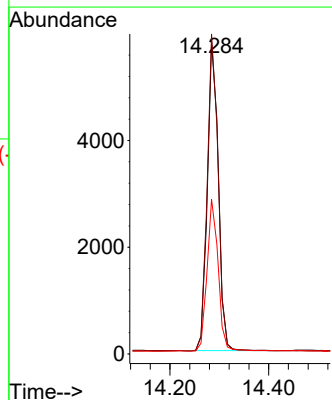
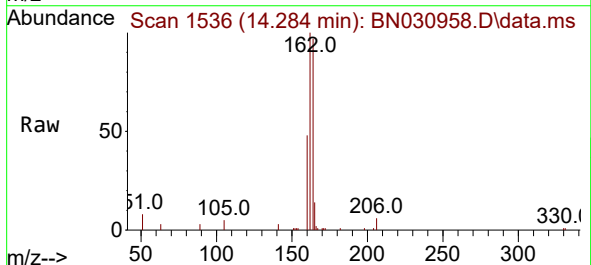
Instrument :
BNA_N
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RSB-01-97-041024

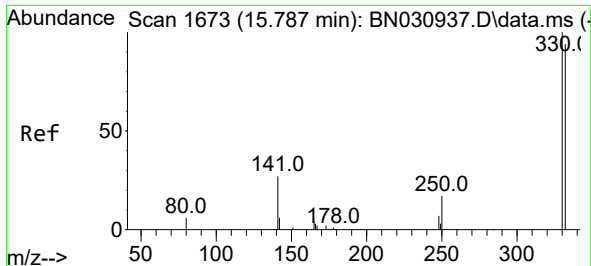
Tgt Ion:152 Resp: 7216
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.284 min Scan# 1536
Delta R.T. -0.011 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Tgt Ion:164 Resp: 8913
Ion Ratio Lower Upper
164 100
162 102.7 80.6 121.0
160 49.7 40.7 61.1

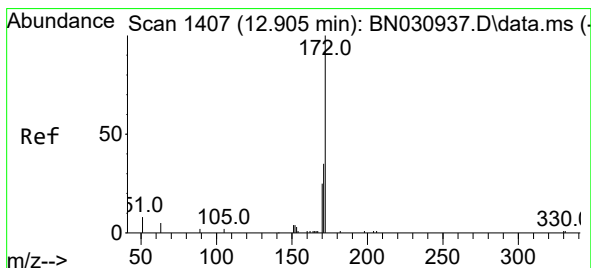
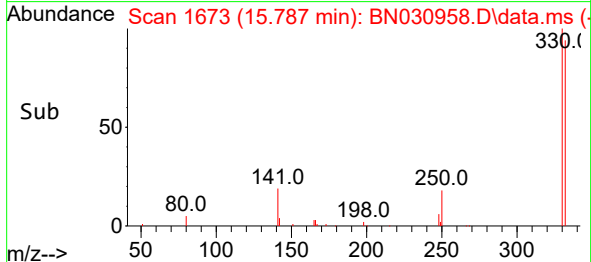
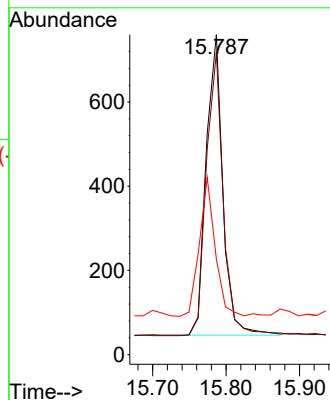
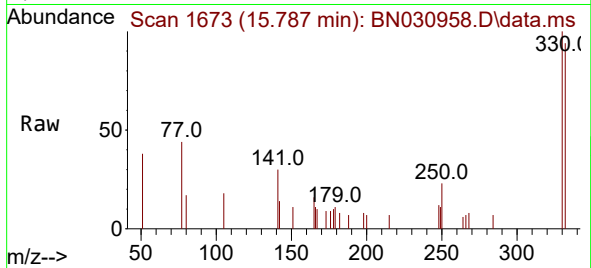




#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.787 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

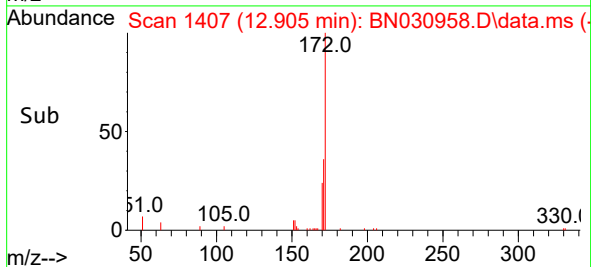
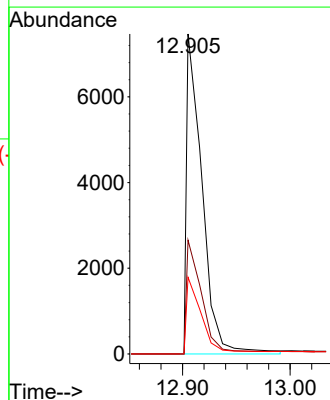
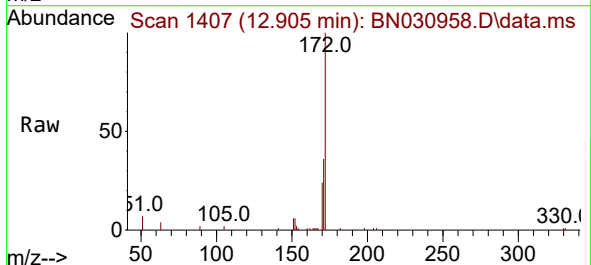
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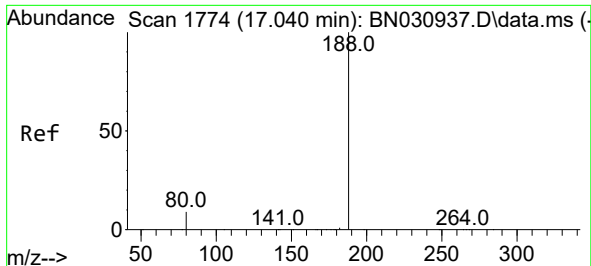
Tgt Ion: 330 Resp: 1133
Ion Ratio Lower Upper
330 100
332 95.5 74.2 111.2
141 43.8 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 12.905 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Tgt Ion: 172 Resp: 7904
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.9 19.8 29.8

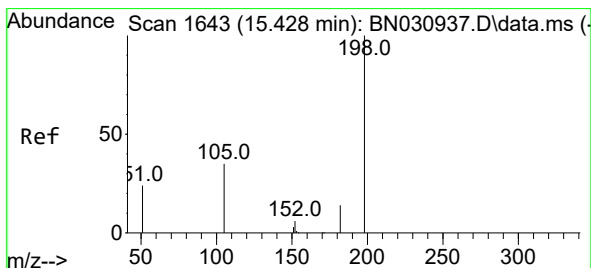
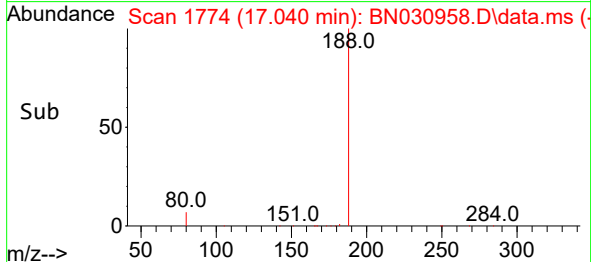
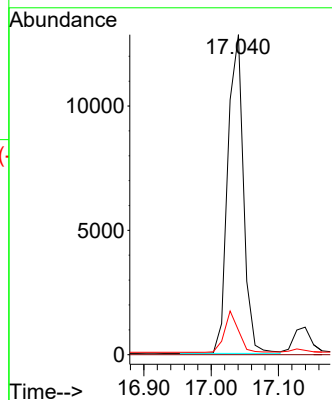
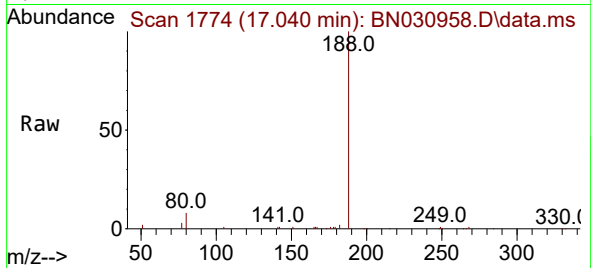




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.040 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

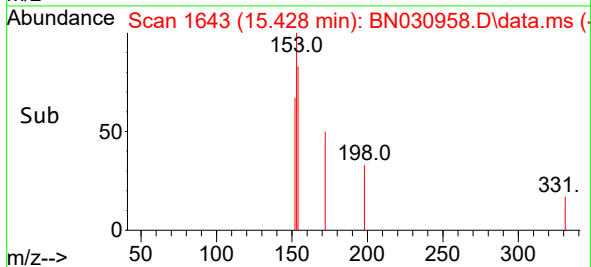
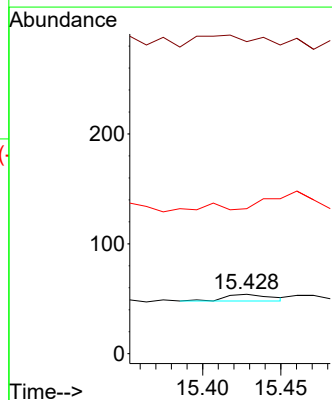
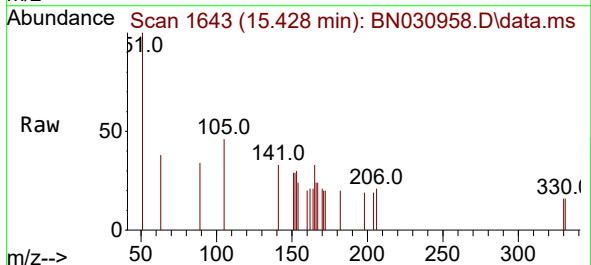
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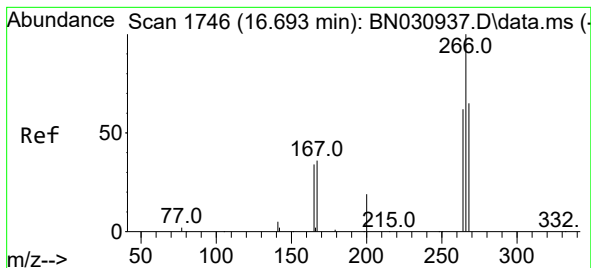
Tgt Ion:188 Resp: 20672
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.106 ng
RT: 15.428 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 525.9 65.2 97.8#
105 244.4 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.138 ng

RT: 16.693 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN030958.D

Acq: 16 Apr 2024 04:49

Instrument :

BNA_N

ClientSampleId :

RSB-01-97-041024

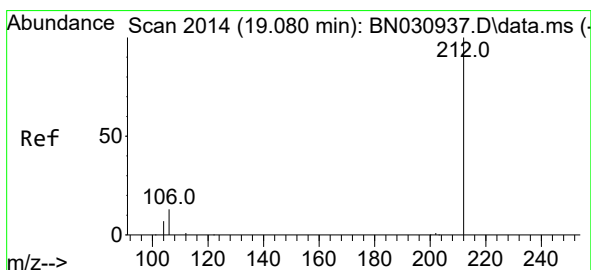
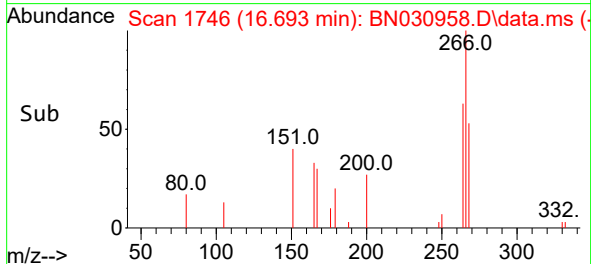
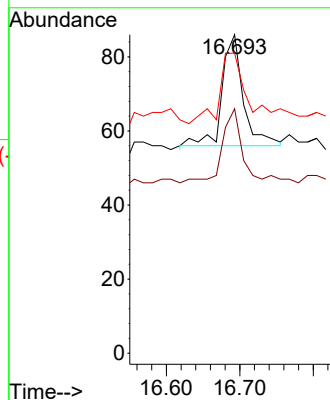
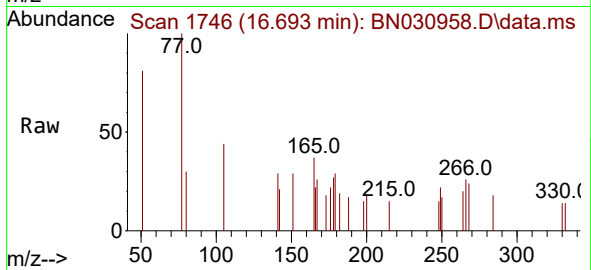
Tgt Ion:266 Resp: 60

Ion Ratio Lower Upper

266 100

264 65.0 50.2 75.2

268 91.7 52.3 78.5#



#27

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.075 min Scan# 2013

Delta R.T. -0.005 min

Lab File: BN030958.D

Acq: 16 Apr 2024 04:49

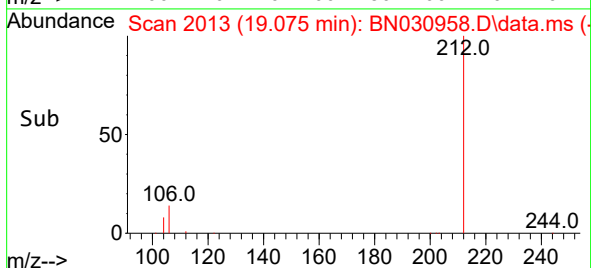
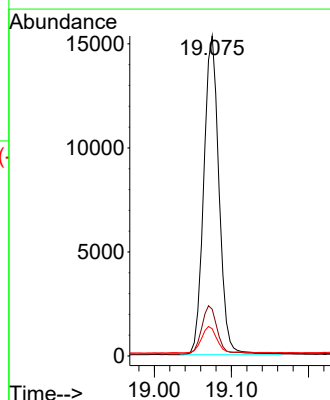
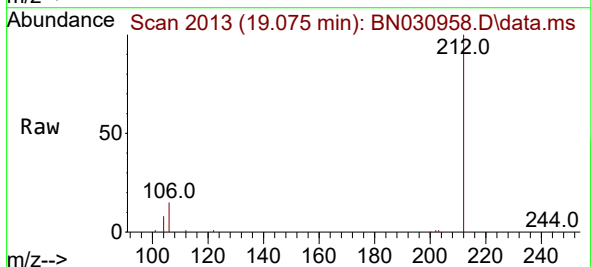
Tgt Ion:212 Resp: 21105

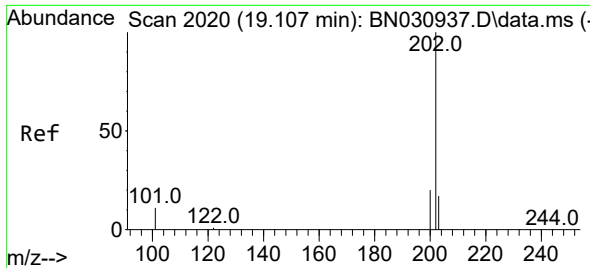
Ion Ratio Lower Upper

212 100

106 15.6 12.0 18.0

104 8.4 6.7 10.1

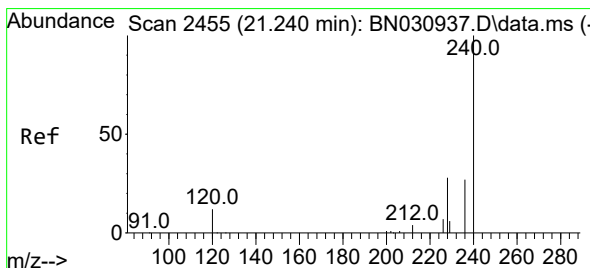
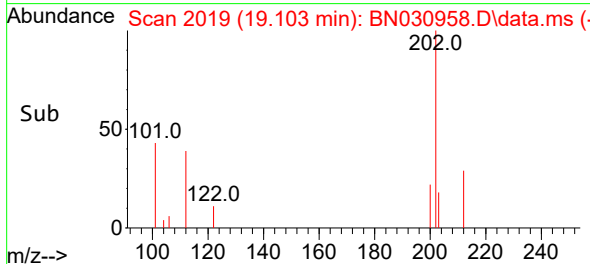
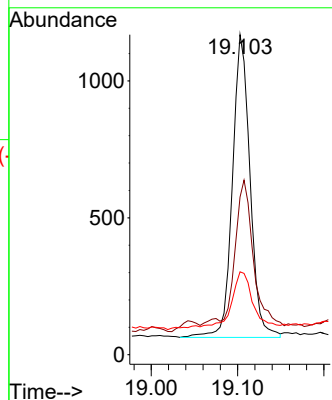
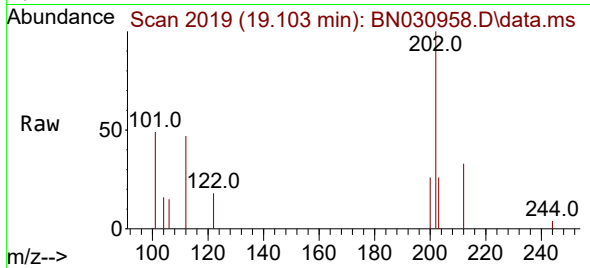




#28
Fluoranthene
Concen: 0.021 ng
RT: 19.103 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

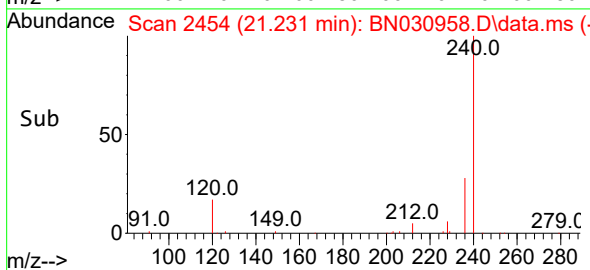
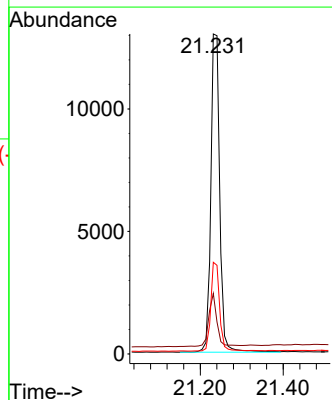
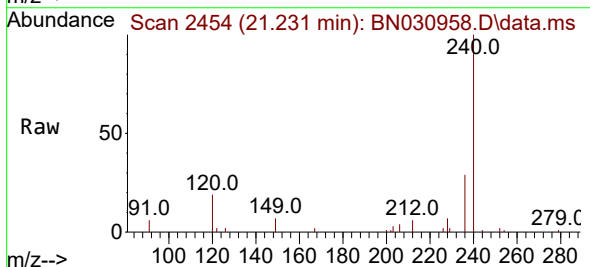
Instrument :
BNA_N
ClientSampleId :
RSB-01-97-041024

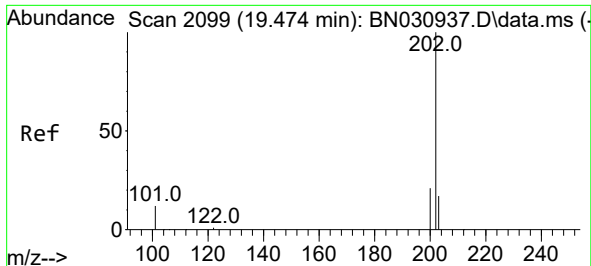
Tgt Ion:202 Resp: 1571
Ion Ratio Lower Upper
202 100
101 55.0 9.4 14.2#
203 25.3 13.8 20.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.231 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Tgt Ion:240 Resp: 19240
Ion Ratio Lower Upper
240 100
120 18.9 11.0 16.4#
236 28.6 22.3 33.5

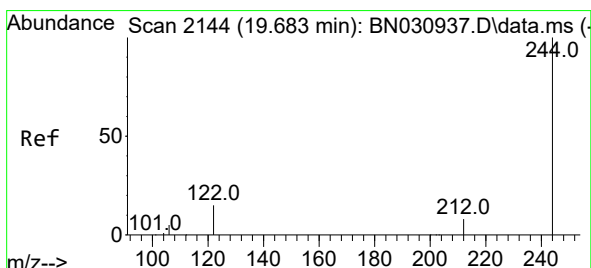
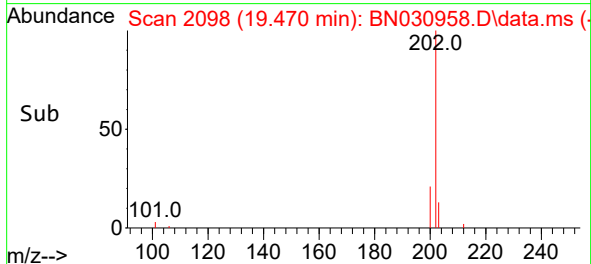
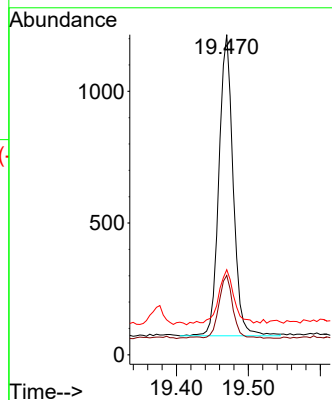
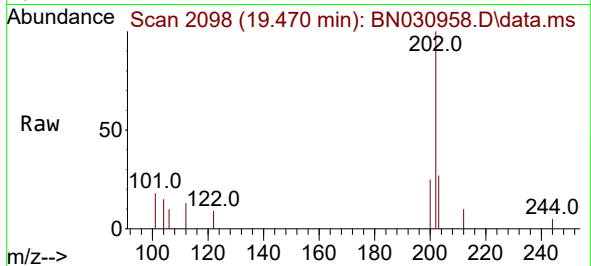




#30
Pyrene
Concen: 0.021 ng
RT: 19.470 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

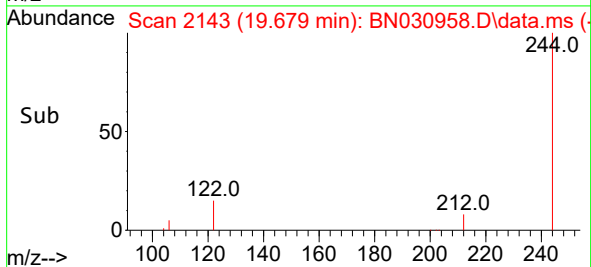
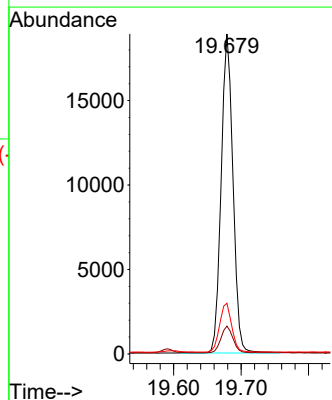
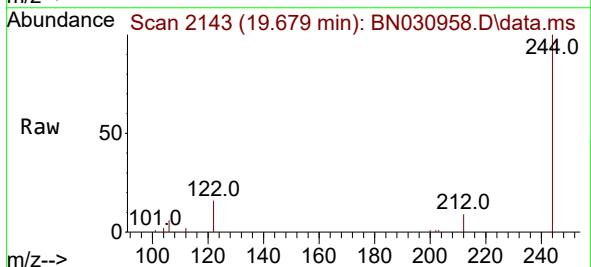
Instrument :
BNA_N
ClientSampleId :
RSB-01-97-041024

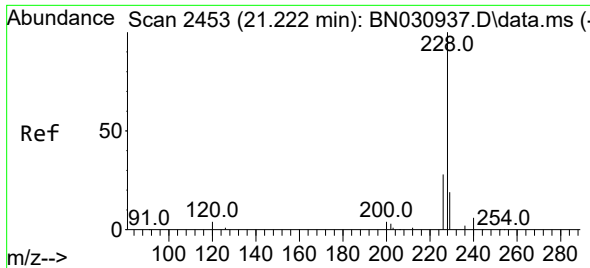
Tgt Ion:202	Resp:	1568
Ion Ratio	Lower	Upper
202	100	
200	20.5	16.6 25.0
203	20.9	14.3 21.5



#31
Terphenyl-d14
Concen: 0.515 ng
RT: 19.679 min Scan# 2143
Delta R.T. -0.005 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

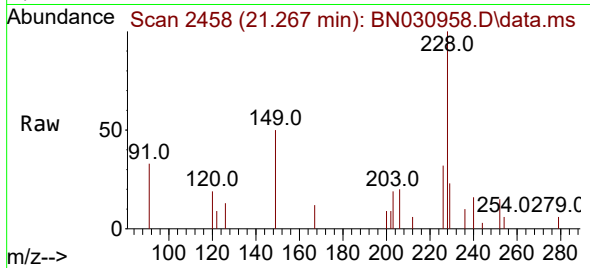
Tgt Ion:244	Resp:	22984
Ion Ratio	Lower	Upper
244	100	
212	8.7	7.2 10.8
122	15.9	12.7 19.1



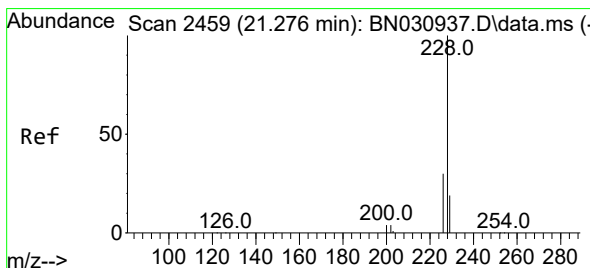
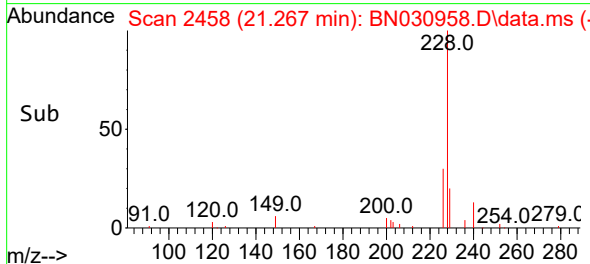
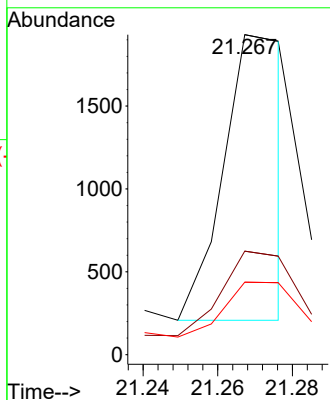


#32
Benzo(a)anthracene
Concen: 0.031 ng
RT: 21.267 min Scan# 2458
Delta R.T. 0.045 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Instrument :
BNA_N
ClientSampleId :
RSB-01-97-041024

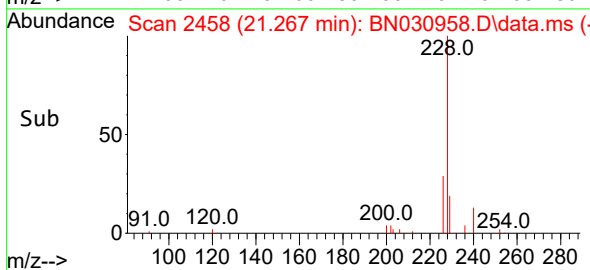
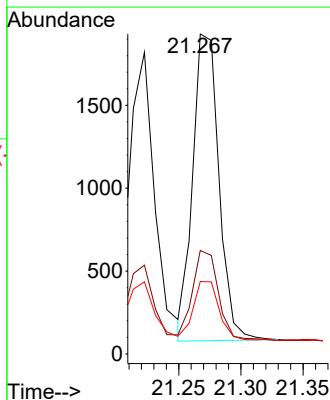
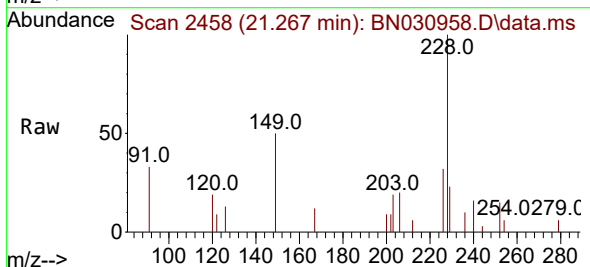


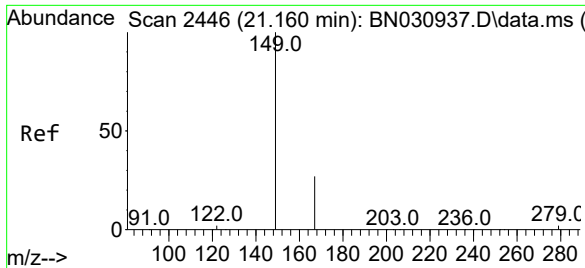
Tgt Ion:228 Resp: 2085
Ion Ratio Lower Upper
228 100
226 32.4 22.4 33.6
229 22.6 15.7 23.5



#33
Chrysene
Concen: 0.037 ng
RT: 21.267 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Tgt Ion:228 Resp: 2712
Ion Ratio Lower Upper
228 100
226 32.4 23.9 35.9
229 22.6 15.8 23.6

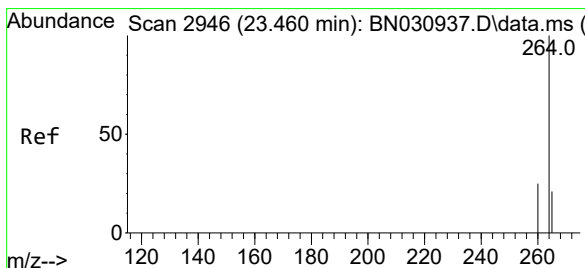
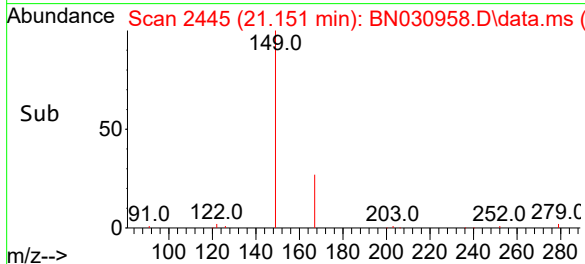
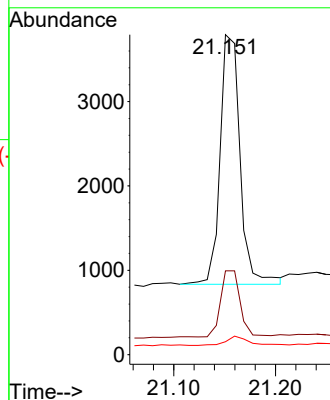
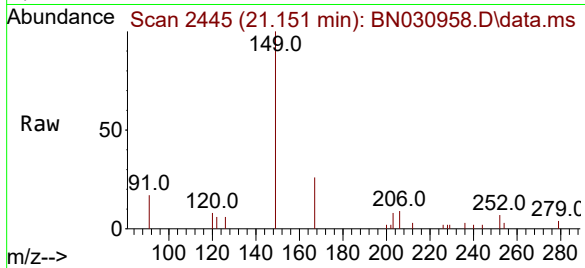




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.131 ng
 RT: 21.151 min Scan# 2445
 Delta R.T. -0.009 min
 Lab File: BN030958.D
 Acq: 16 Apr 2024 04:49

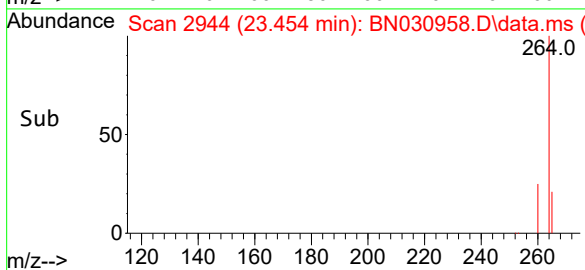
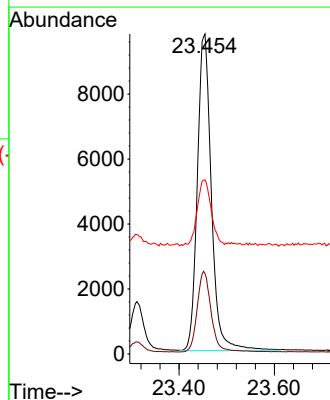
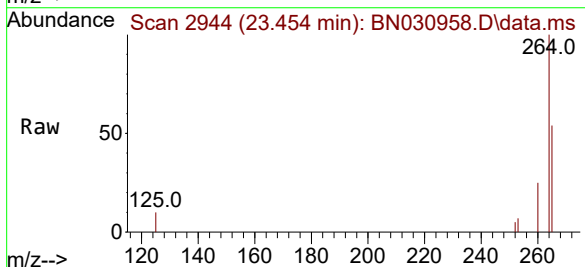
Instrument :
 BNA_N
 ClientSampleId :
 RSB-01-97-041024

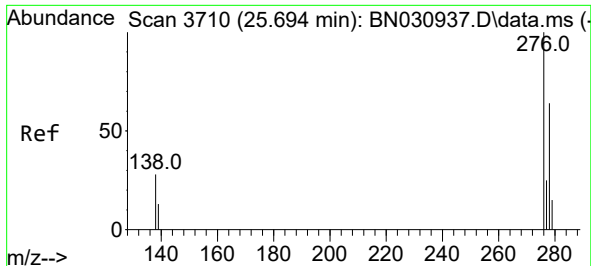
Tgt Ion:149 Resp: 4036
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.0 31.4
 279 4.3 2.9 4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.454 min Scan# 2944
 Delta R.T. -0.006 min
 Lab File: BN030958.D
 Acq: 16 Apr 2024 04:49

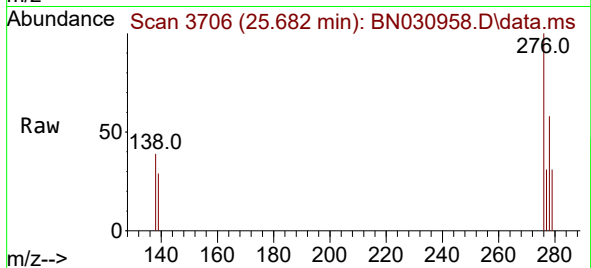
Tgt Ion:264 Resp: 19882
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.6 31.0
 265 54.5 53.3 79.9



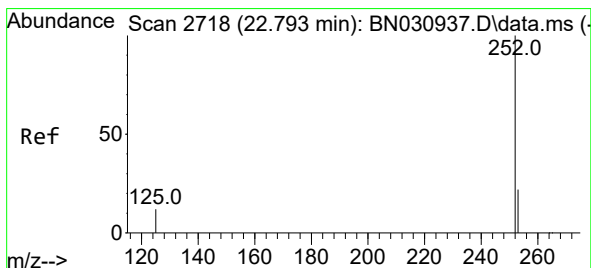
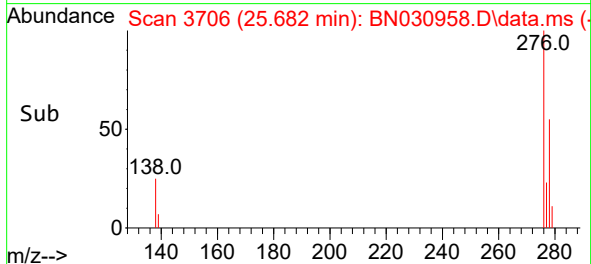
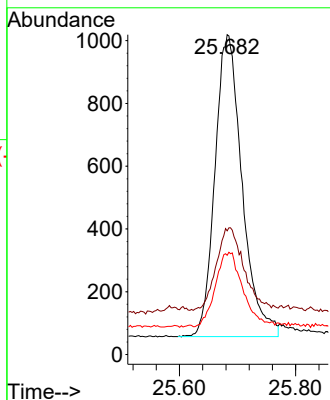


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng
RT: 25.682 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Instrument :
BNA_N
ClientSampleId :
RSB-01-97-041024

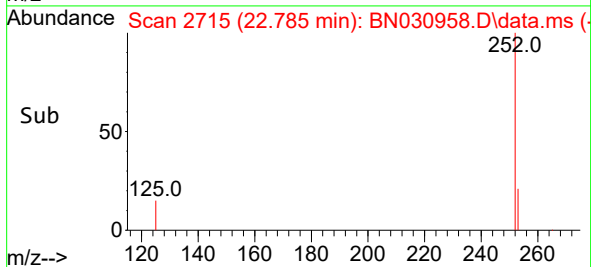
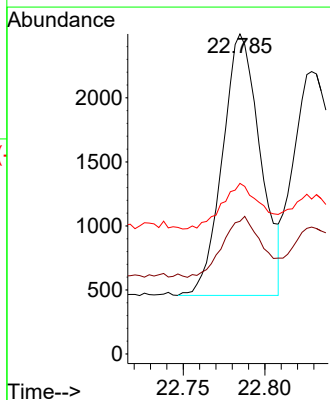
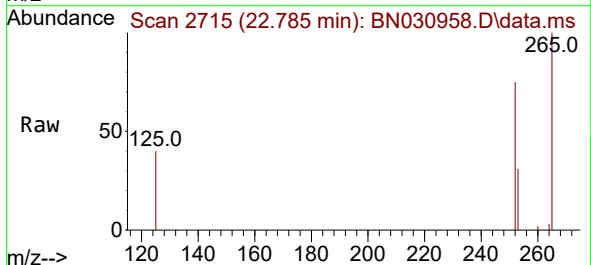


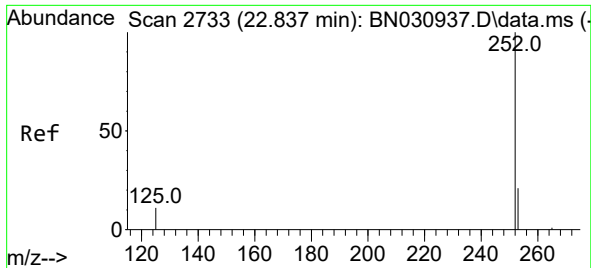
Tgt Ion:276 Resp: 3117
Ion Ratio Lower Upper
276 100
138 27.7 23.1 34.7
277 24.8 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 0.040 ng
RT: 22.785 min Scan# 2715
Delta R.T. -0.009 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

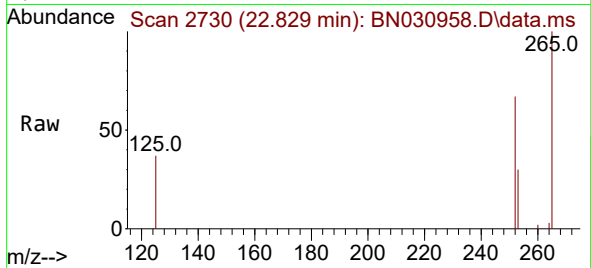
Tgt Ion:252 Resp: 3294
Ion Ratio Lower Upper
252 100
253 41.5 20.2 30.2#
125 53.3 13.4 20.2#



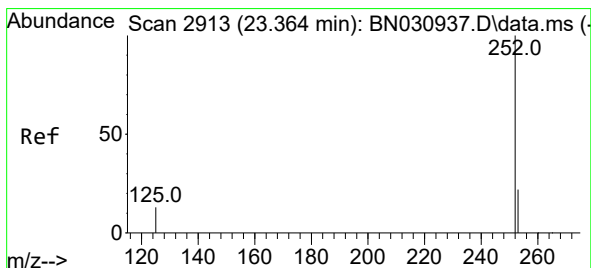
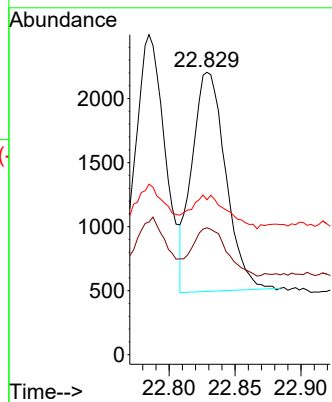


#38
Benzo(k)fluoranthene
Concen: 0.038 ng
RT: 22.829 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Instrument :
BNA_N
ClientSampleId :
RSB-01-97-041024

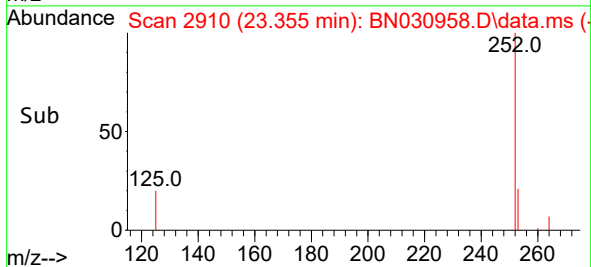
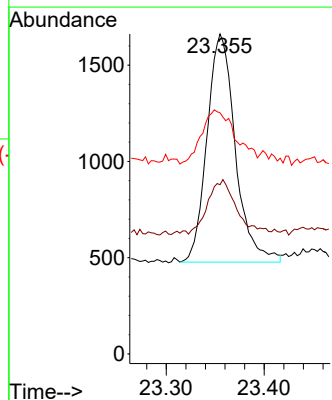
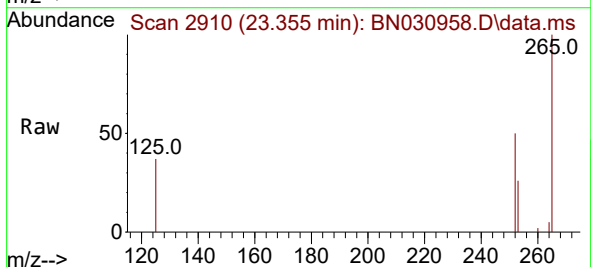


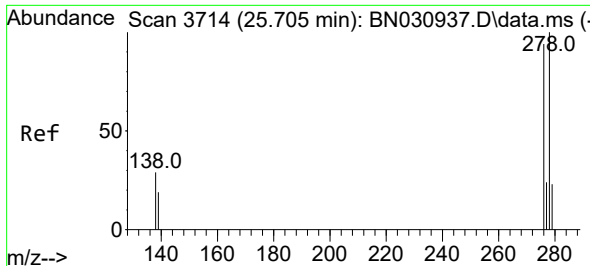
Tgt Ion:252 Resp: 3041
Ion Ratio Lower Upper
252 100
253 44.9 19.9 29.9#
125 54.8 13.2 19.8#



#39
Benzo(a)pyrene
Concen: 0.035 ng
RT: 23.355 min Scan# 2910
Delta R.T. -0.009 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Tgt Ion:252 Resp: 2376
Ion Ratio Lower Upper
252 100
253 52.9 21.4 32.2#
125 75.3 16.6 25.0#

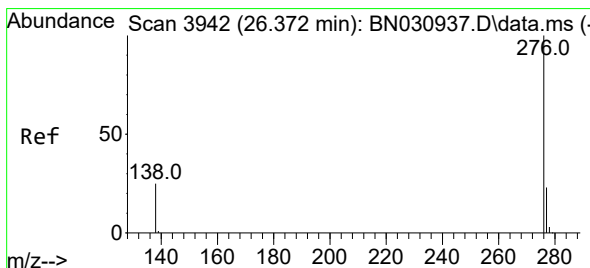
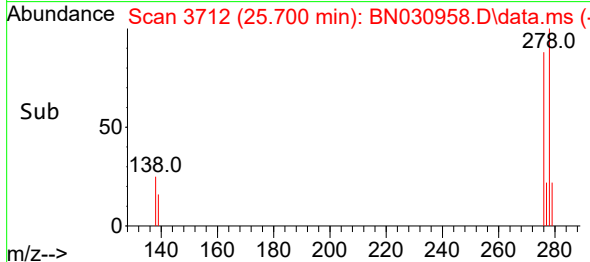
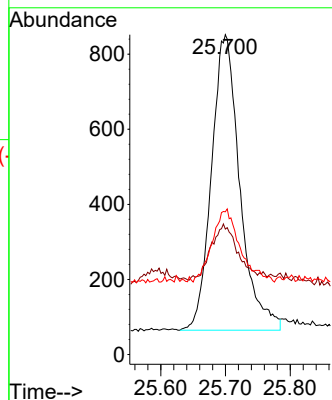
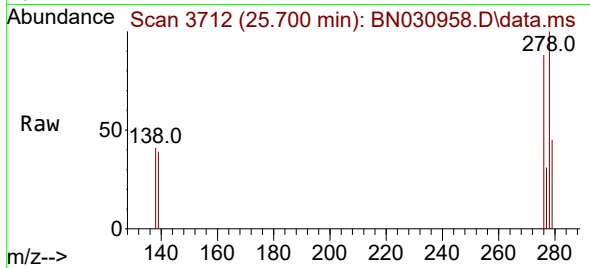




#40
Dibenzo(a,h)anthracene
Concen: 0.032 ng
RT: 25.700 min Scan# 31
Delta R.T. -0.006 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Instrument :
BNA_N
ClientSampleId :
RSB-01-97-041024

Tgt Ion:278 Resp: 2393
Ion Ratio Lower Upper
278 100
139 39.2 16.3 24.5#
279 44.6 20.6 31.0#



#41
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 26.363 min Scan# 3939
Delta R.T. -0.009 min
Lab File: BN030958.D
Acq: 16 Apr 2024 04:49

Tgt Ion:276 Resp: 2738
Ion Ratio Lower Upper
276 100
277 32.3 19.4 29.2#
138 39.8 21.0 31.4#

